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friend, the Rev. LAURENTINE HAMILTON, and the name was thereupon adopted. Professor BREWER is not sure as to whether the suggestion came from him or from Mr. HOFFMAN.

W. W. CAMPBELL.

#### THE MEASUREMENT AND REDUCTION OF THE PHOTOGRAPHS OF EROS MADE WITH THE CROSSLEY REFLECTOR IN 1900.

The measurement and reduction of the photographs of *Eros* which were taken in 1900, with the Crossley Reflector, for the determination of the solar parallax, has been in progress at Mount Hamilton since December 1st, 1905. The work is being done by Miss FREDRICA CHASE, formerly of Vassar College Observatory and Miss ADELAIDE M. HOBE, formerly of the Students' Observatory of the University of California, under a grant from the Carnegie Institution.

Experimental measurements and reductions and the preparation of reduction tables for the entire work consumed about three months' time. The definitive measurement is now in progress and the measures of 150 plates are ready for reduction as soon as the places of the comparison stars are available.

The most serious difficulty in the reduction of this work was to obtain sufficiently accurate places of enough stars within the limited field of the Crossley plates. Through the kindness of Professor HINKS of the Cambridge Observatory, enough additional stars are being included in the catalogue, which he is forming for his own and other similar work, to satisfy this fundamental need completely.

May 19th, 1906.

C. D. PERRINE.

#### NOTE ON A CONVENIENT METHOD FOR COMPUTING, FROM ELEMENTS, THE DAILY MOTION IN GEOCENTRIC RIGHT ASCENSION AND DECLINATION.

In *Popular Astronomy* for May, 1906, Professor HERBERT L. RICE, of the Naval Observatory gives a method of computing the daily motion in geocentric right ascension for an asteroid whose elements are given. After reading this it occurred to the writer to develop other formulae for determining this daily motion, based upon the methods used in LEUSCHNER'S "Short Method" for determining orbits. The same example that Professor RICE used to illustrate his method was used and shows that only about two-thirds as much computing is necessary as in his method.

As the daily motion in both right ascension and declination